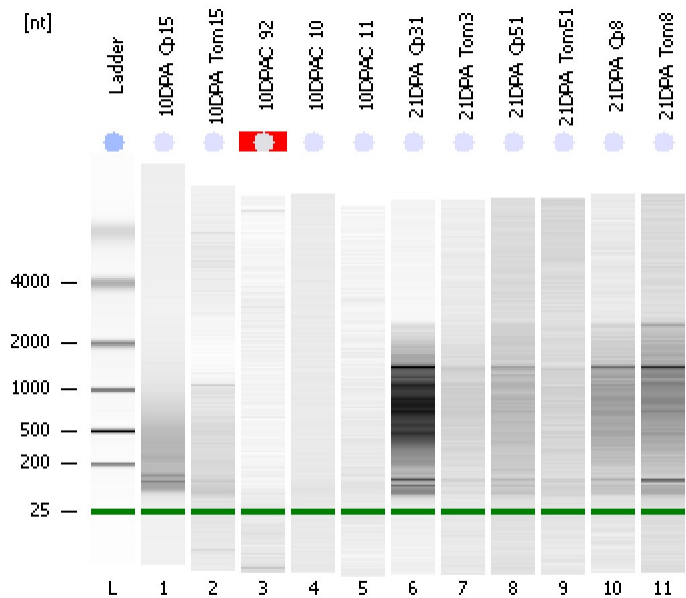


Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electrophoresis File Run Summary



Instrument Information:

Instrument Name: DE13701086 Firmware: C.01.069
Serial#: DE13701086 Type: G2938B

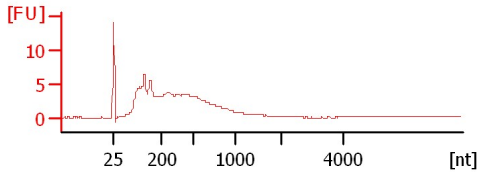
Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Pico Series II.xsy
Assay Class: Eukaryote Total RNA Pico
Version: 2.6
Assay Comments: Total RNA Analysis pg sensitivity (Eukaryote)
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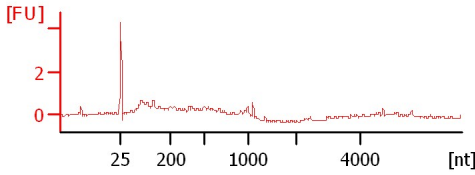
Chip Information:

Chip Lot #:
Reagent Kit Lot #:
Chip Comments:

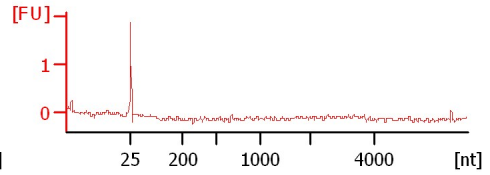
10DPA_Cp15
RIN: 2.30



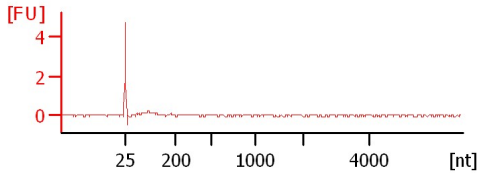
10DPA_Tom15
RIN: 5.30



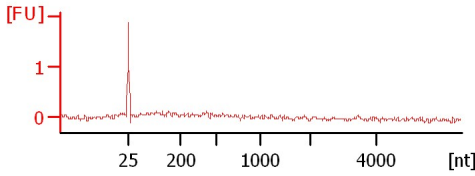
10DPAC_92
RIN N/A



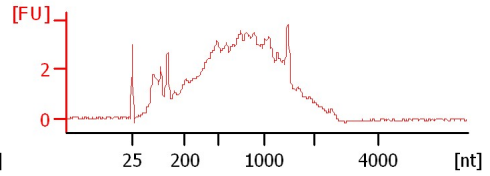
10DPAC_10
RIN:1



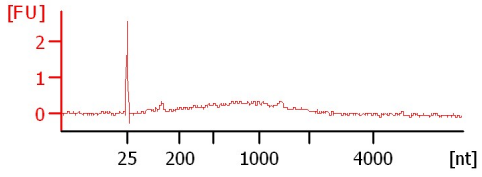
10DPAC_11
RIN:1



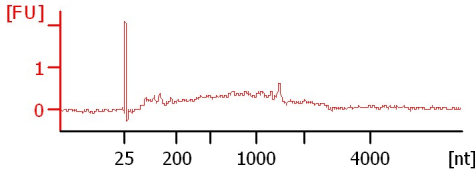
21DPA_Cp31
RIN: 2.90



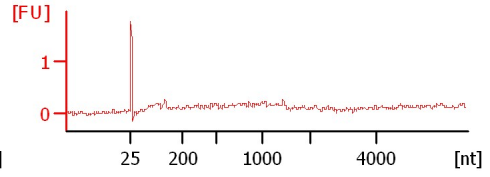
21DPA_Tom3
RIN: 1.50



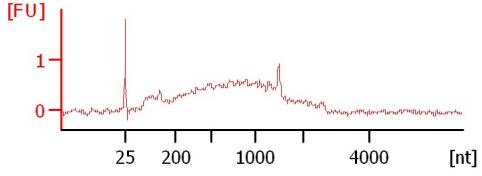
21DPA_Cp51
RIN: 2.20



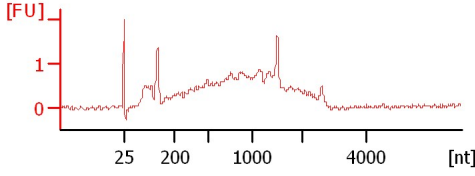
21DPA_Tom51
RIN: 1.40



21DPA_Cp8
RIN: 3.50



21DPA_Tom8
RIN: 3.70



Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electrophoresis File Run Summary (Chip Summary)

Sample Name	Sample Comment	Status	Result Label	Result Color
10DPA_Cp15		✓	RIN: 2.30	
10DPA_Tom15		✓	RIN: 5.30	
10DPAC_92		✓	RIN N/A	
10DPAC_10		✓	RIN:1	
10DPAC_11		✓	RIN:1	
21DPA_Cp31		✓	RIN: 2.90	
21DPA_Tom3		✓	RIN: 1.50	
21DPA_Cp51		✓	RIN: 2.20	
21DPA_Tom51		✓	RIN: 1.40	
21DPA_Cp8		✓	RIN: 3.50	
21DPA_Tom8		✓	RIN: 3.70	
Ladder		✓	All Other Samples	

Chip Lot #

Reagent Kit Lot #

Chip Comments :

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electrophoresis Assay Details

General Analysis Settings

Number of Available Sample and Ladder Wells (Max.) : 12

Minimum Visible Range [s] : 17

Maximum Visible Range [s] : 70

Start Analysis Time Range [s] : 18

End Analysis Time Range [s] : 69

Ladder Concentration [pg/ μ l] : 1000

Lower Marker Concentration [pg/ μ l] : 0

Upper Marker Concentration [pg/ μ l] : 0

Used Lower Marker for Quantitation

Standard Curve Fit is Logarithmic

Show Data Aligned to Lower Marker

Integrator Settings

Integration Start Time [s] : 18

Integration End Time [s] : 69

Slope Threshold : 0.6

Height Threshold [FU] : 0.5

Area Threshold : 0.2

Width Threshold [s] : 0.3

Baseline Plateau [s] : 6

Filter Settings

Filter Width [s] : 0.5

Polynomial Order : 4

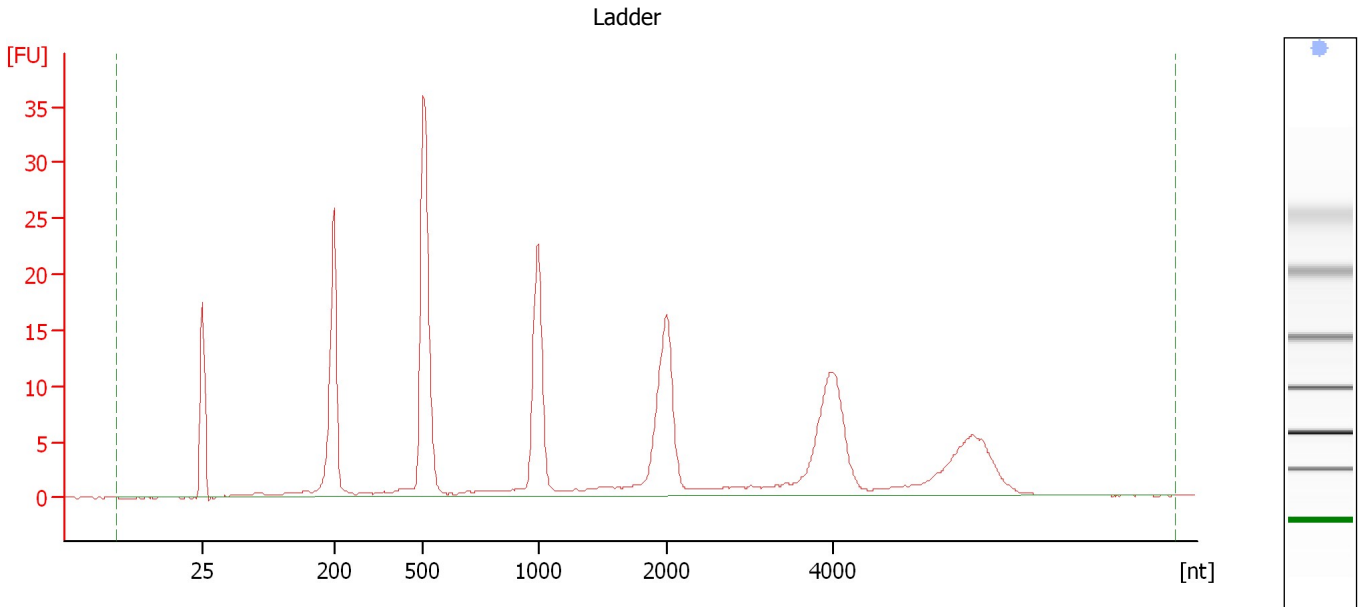
Ladder

Ladder Peak	Size
1	25
2	200
3	500
4	1000
5	2000
6	4000

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary



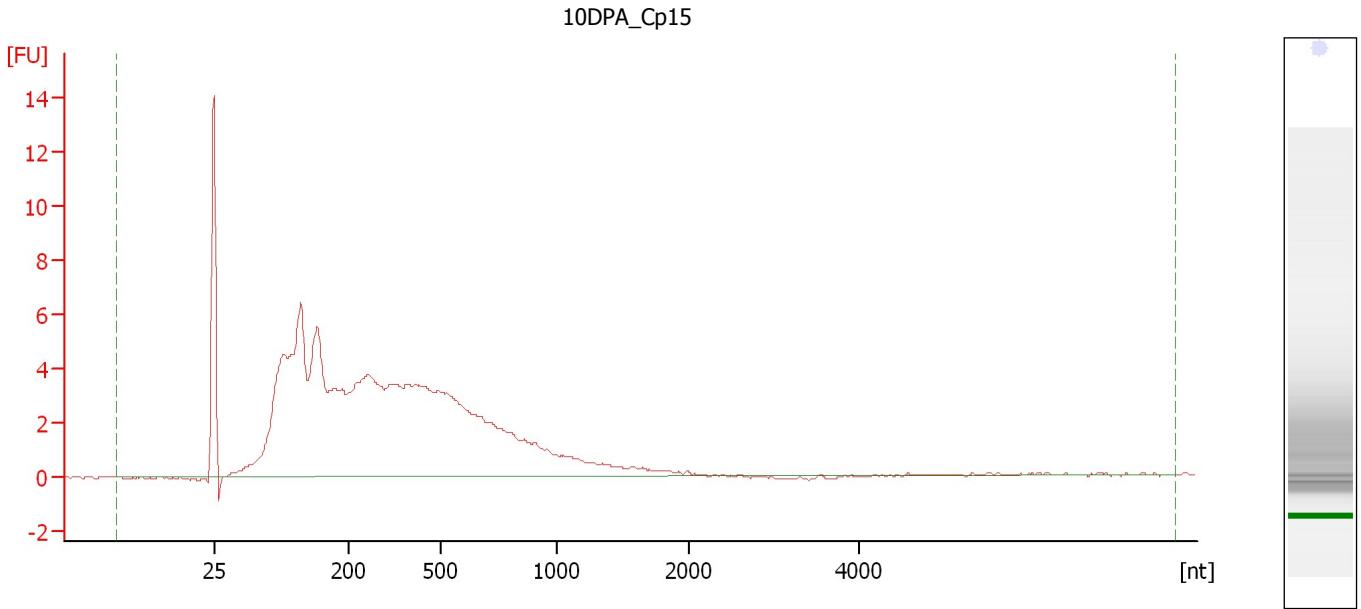
Overall Results for Ladder

RNA Area:	225.0	Result Flagging Color:	
RNA Concentration:	1,000 pg/μl	Result Flagging Label:	All Other Samples

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



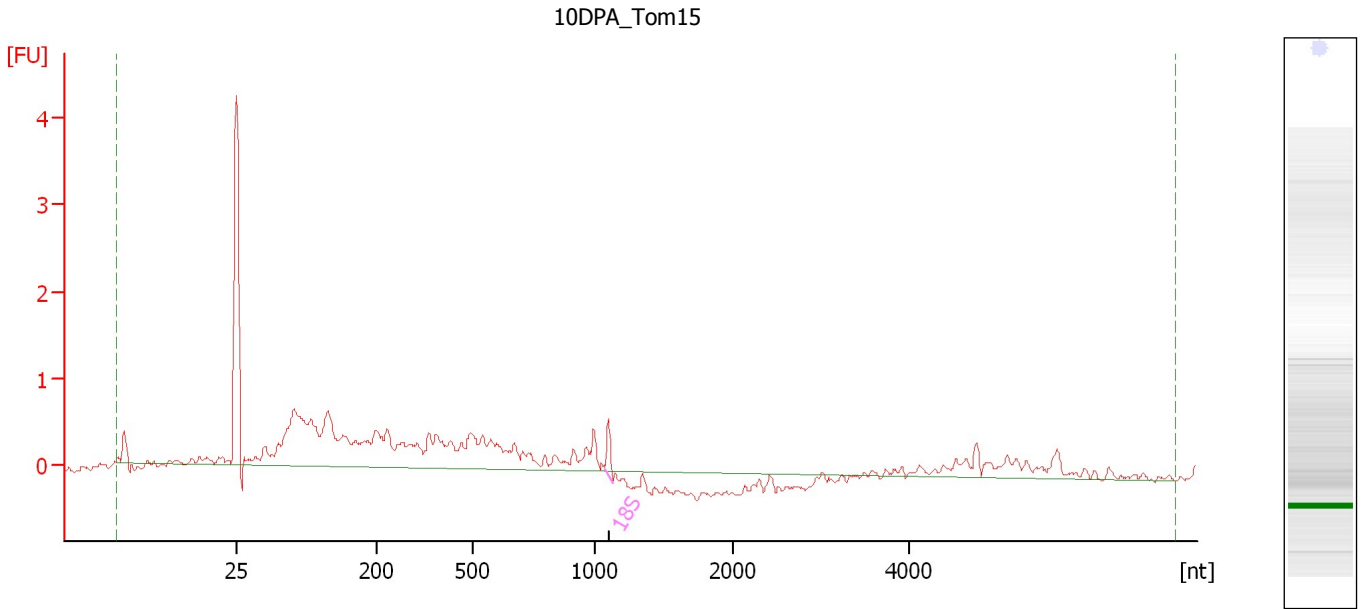
Overall Results for sample 1 : 10DPA_Cp15

RNA Area:	134.4	RNA Integrity Number (RIN):	2.3 (B.02.08)
RNA Concentration:	597 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.30

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 2 : 10DPA Tom15

RNA Area:	17.1	RNA Integrity Number (RIN):	5.3 (B.02.08)
RNA Concentration:	76 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 5.30

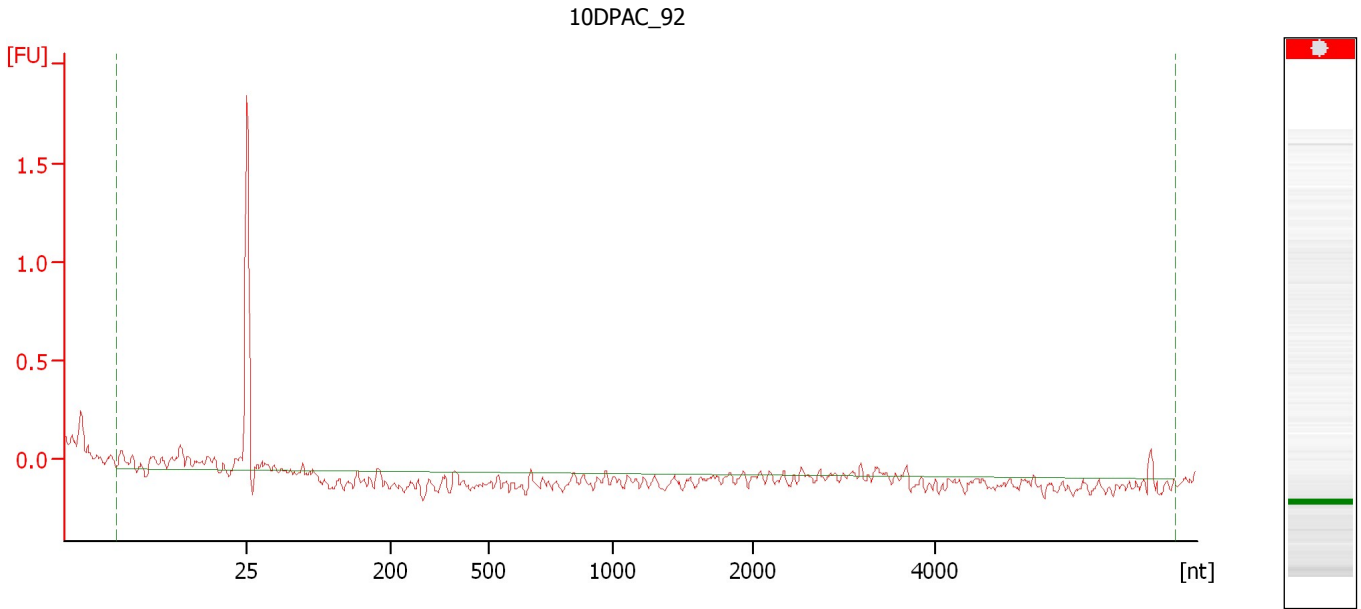
Fragment table for sample 2 : 10DPA Tom15

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,075	1,137	0.3	1.8

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



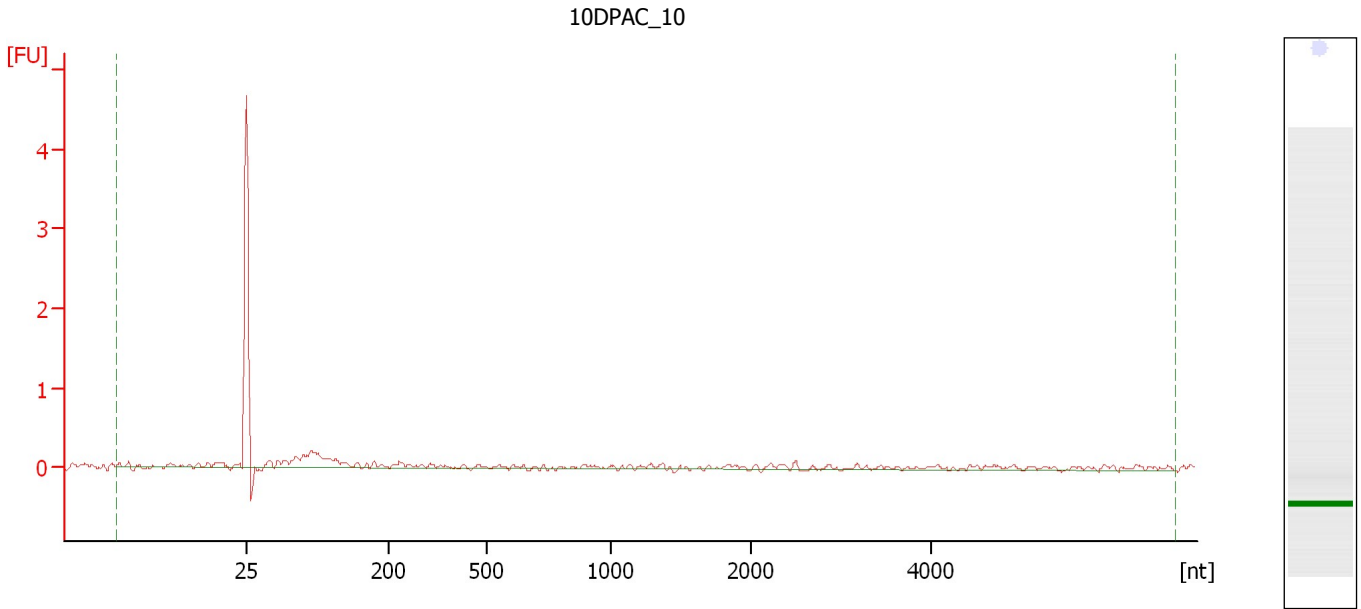
Overall Results for sample 3 : 10DPAC_92

RNA Area:	1.2	RNA Integrity Number (RIN):	N/A (B.02.08)
RNA Concentration:	5 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN N/A

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



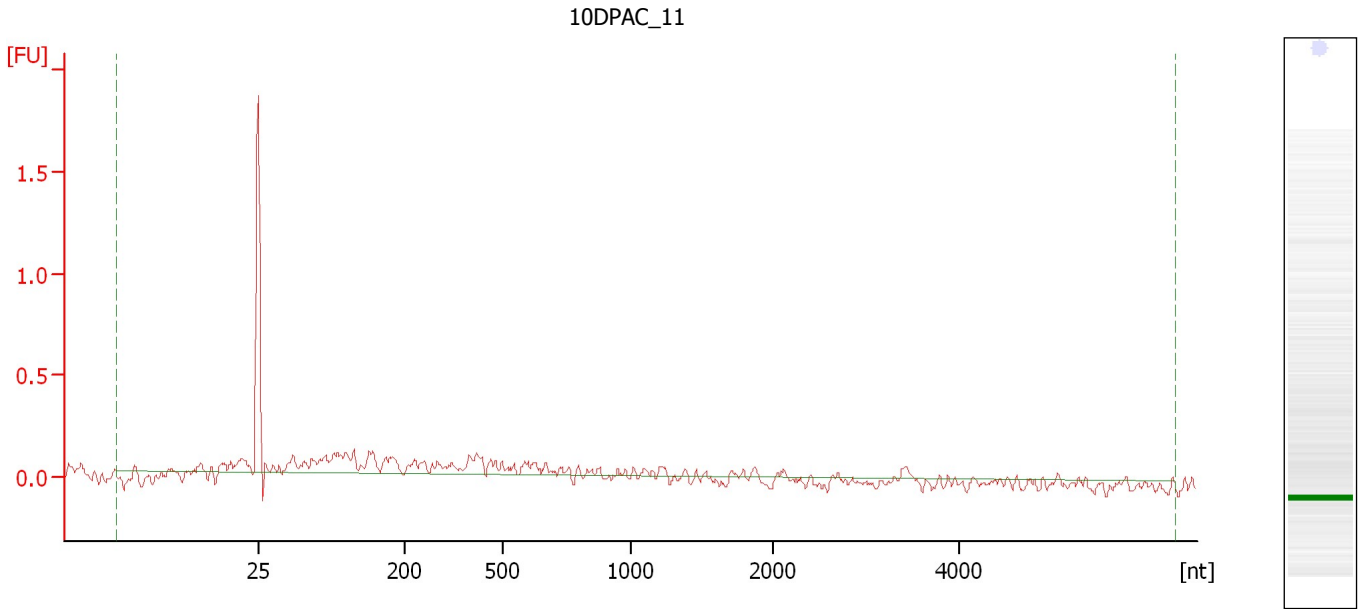
Overall Results for sample 4 : 10DPAC_10

RNA Area:	3.4	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	15 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



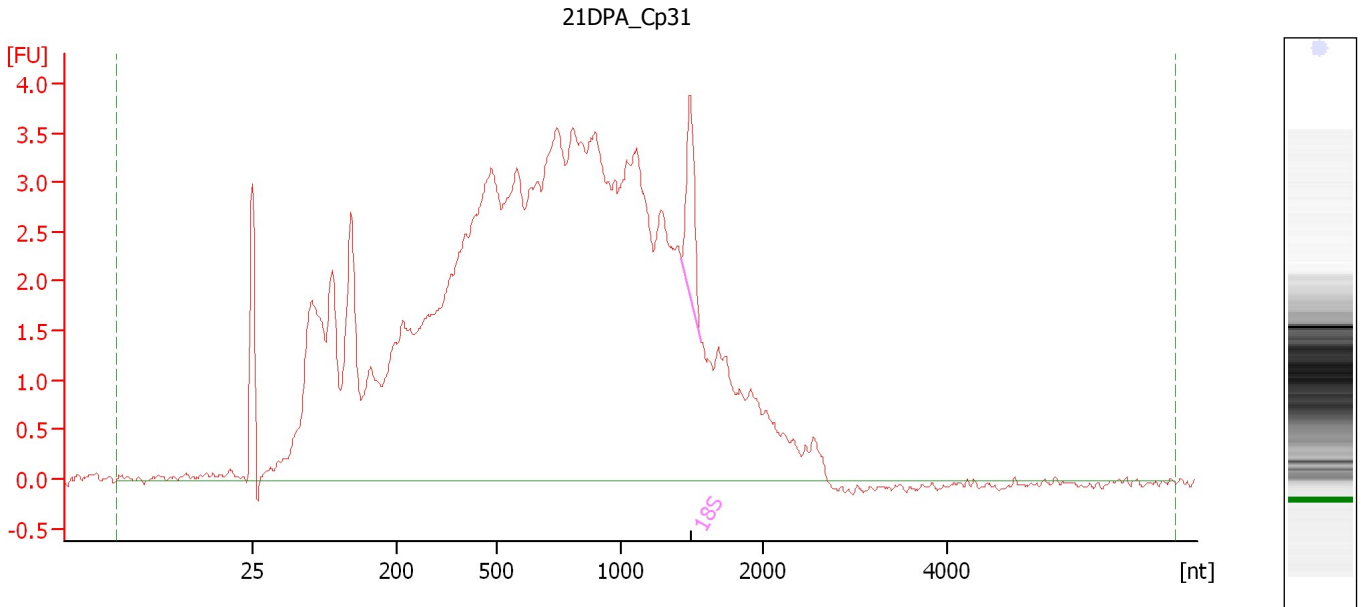
Overall Results for sample 5 : 10DPAC 11

RNA Area:	2.8	RNA Integrity Number (RIN):	1 (B.02.08)
RNA Concentration:	12 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN:1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 6 : 21DPA Cp31

RNA Area:	129.1	RNA Integrity Number (RIN):	2.9 (B.02.08)
RNA Concentration:	574 µg/µl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.90

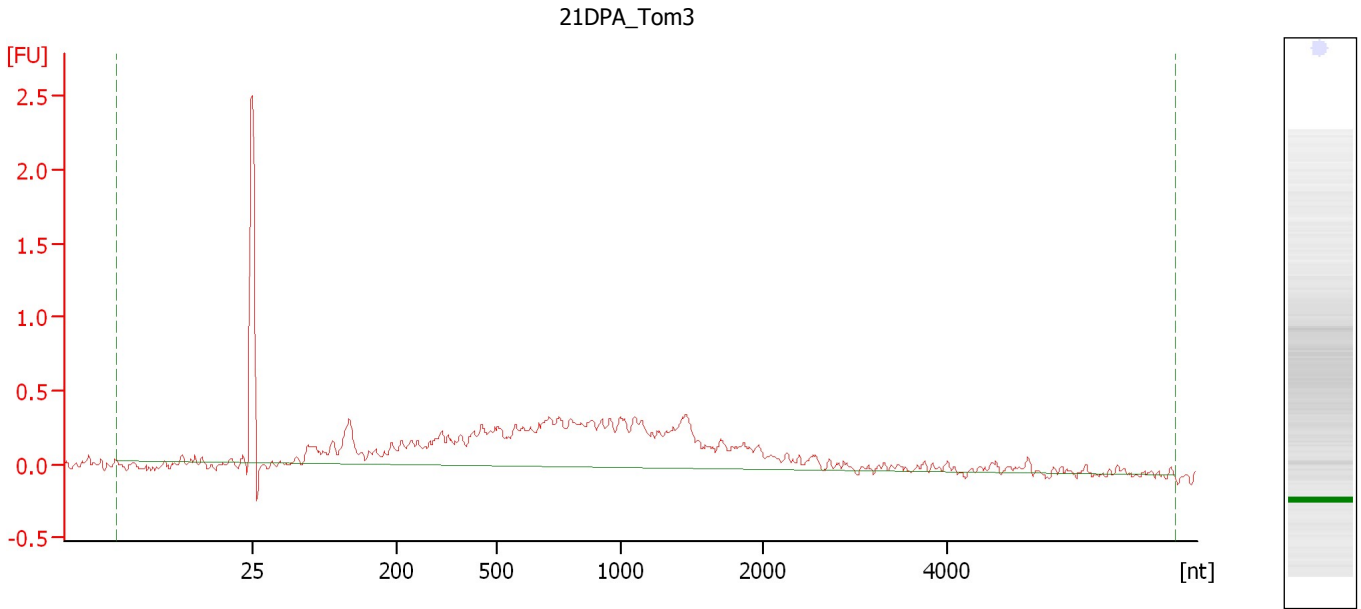
Fragment table for sample 6 : 21DPA Cp31

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,421	1,557	1.8	1.4

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 7 : 21DPA Tom3

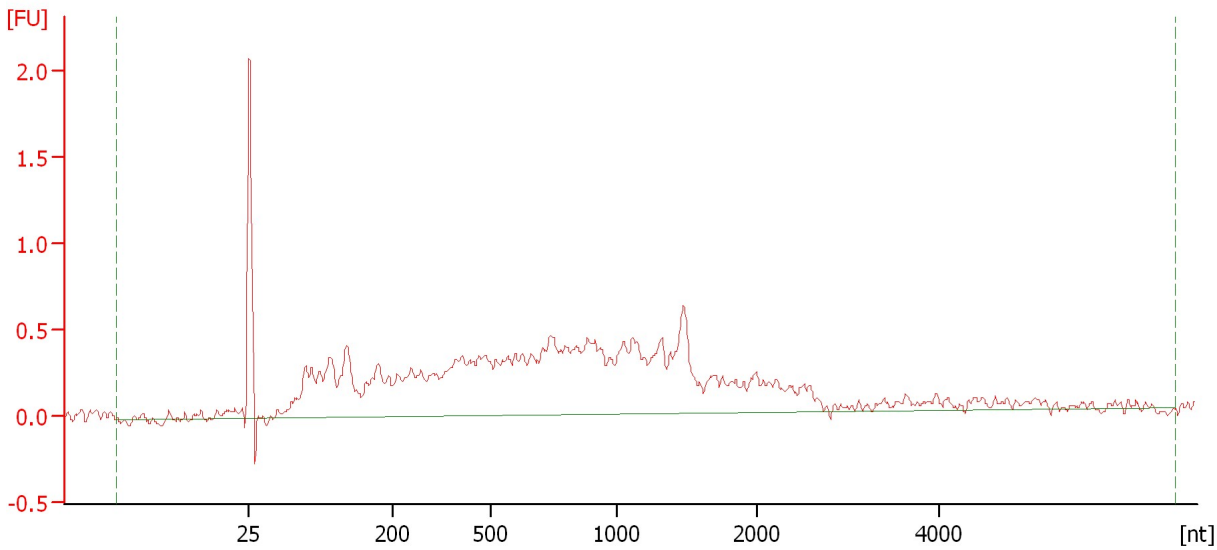
RNA Area:	11.8	RNA Integrity Number (RIN):	1.5 (B.02.08)
RNA Concentration:	52 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.50

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...

21DPA_Cp51



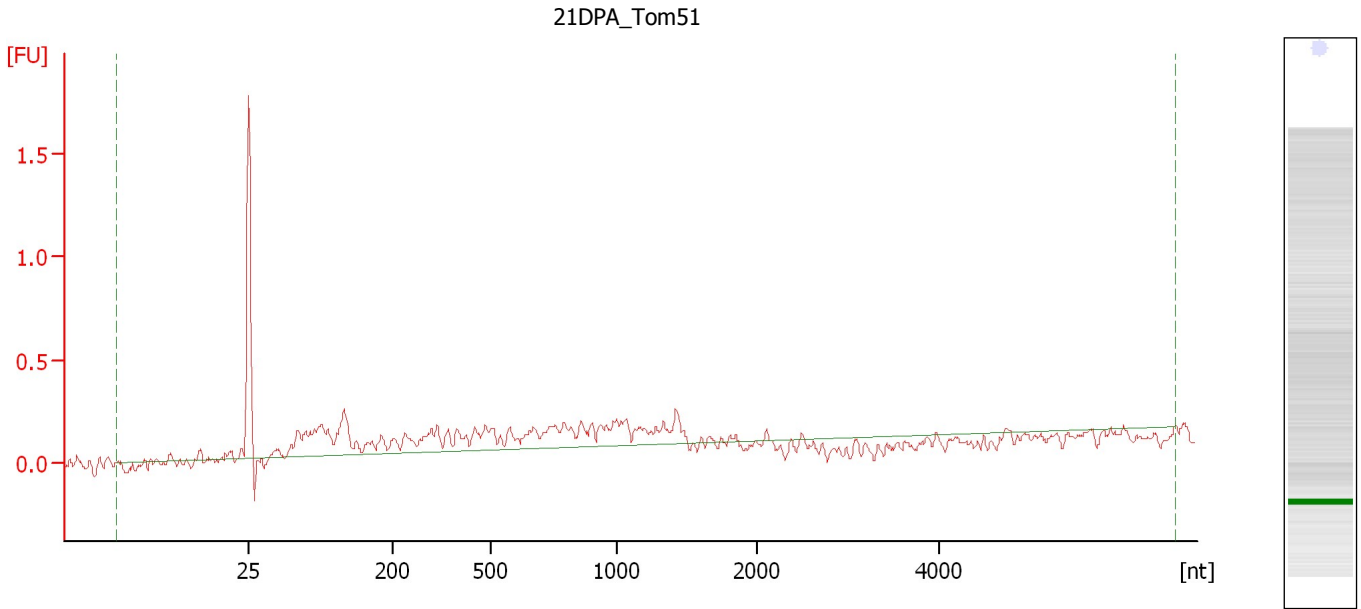
Overall Results for sample 8 : 21DPA_Cp51

RNA Area:	18.7	RNA Integrity Number (RIN):	2.2 (B.02.08)
RNA Concentration:	83 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 2.20

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



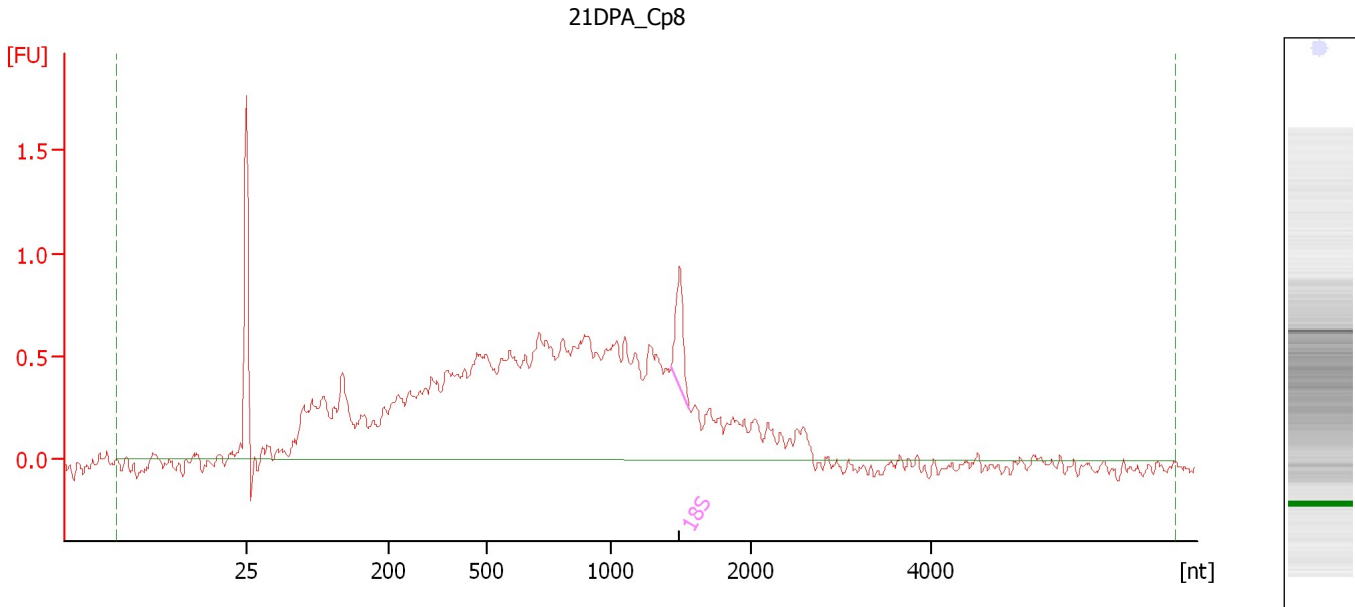
Overall Results for sample 9 : 21DPA Tom51

RNA Area:	4.3	RNA Integrity Number (RIN):	1.4 (B.02.08)
RNA Concentration:	19 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 1.40

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 10 : 21DPA_Cp8

RNA Area:	22.6	RNA Integrity Number (RIN):	3.5 (B.02.08)
RNA Concentration:	101 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 3.50

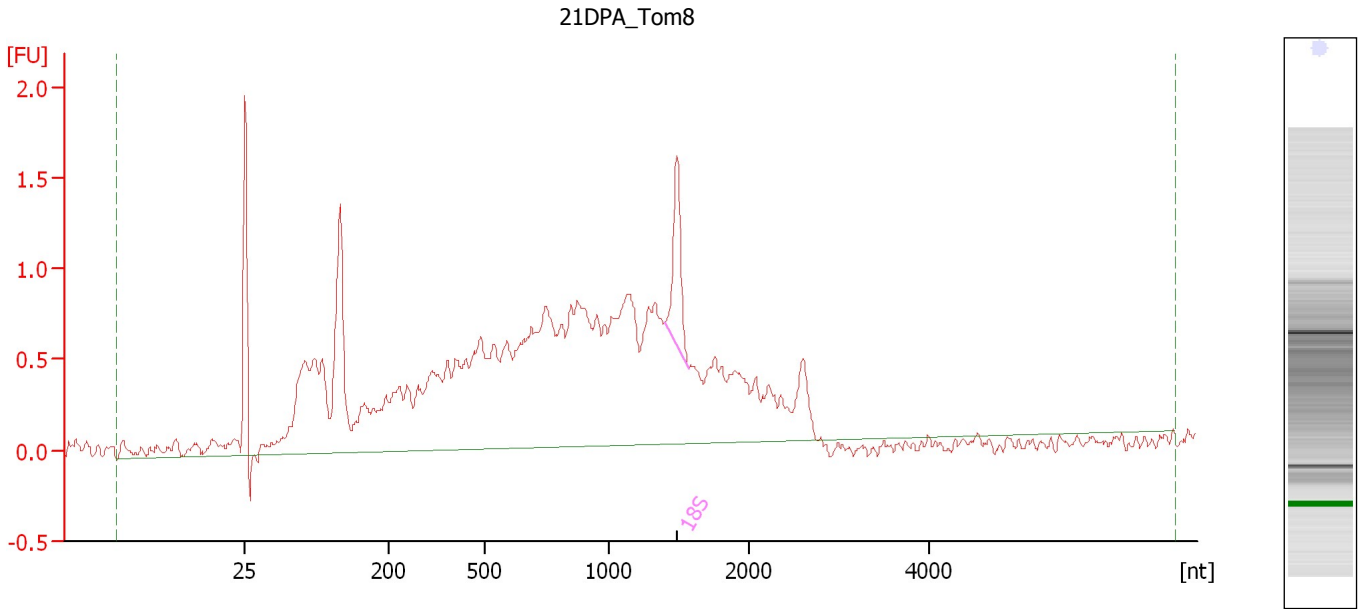
Fragment table for sample 10 : 21DPA_Cp8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,433	1,564	0.5	2.1

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Electropherogram Summary Continued ...



Overall Results for sample 11 : 21DPA Tom8

RNA Area:	32.0	RNA Integrity Number (RIN):	3.7 (B.02.08)
RNA Concentration:	142 pg/μl	Result Flagging Color:	
rRNA Ratio [28s / 18s]:	0.0	Result Flagging Label:	RIN: 3.70

Fragment table for sample 11 : 21DPA Tom8

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,401	1,570	0.9	2.7

Assay Class: Eukaryote Total RNA Pico
Data Path: C:\...ents and Settings\Bioanalyzer\2014-01-03\2014-01-03_001.xad

Created: 1/3/2014 10:16:34 AM
Modified: 1/3/2014 10:39:32 AM

Gel Image

